1,388,000.÷
31.=
44,774.1935483*

44,774.1935483×
10.%
4,477.41935483*

4,477.41935483+
49,251.61290331*

ANGLE

PRETREATMENT MONITORING REPORT

NAME: SANDVIK COROMANT MANUFACTURING

MAILING ADDRESS: 1702 NEVINS ROAD FAIR LAWN, NJ 07410

FACILITY LOCATION: 1702 NEVINS ROAD FAIR LAWN, NJ 07410

CATEGORY & SUBPART: UNKNOWN OUTLET #: 1

CONTACT OFFICIAL: ALBERT MIPS TELEPHONE: 201-794-5106

NEW CUSTOMER ID / OUTLET ID: 08630002-1 OLD OUTLET DESIGNATION:

MONITORING PERIOD

Start			End		
01	01	09	01	31	09
MO	DAY	YR	MO	DAY	YR

	Average	Maximum
Regulated Flow-gal/day	44,774 X 10% = 49,251	
Total Flow-gal/day	44,774	49,251

Method Used:

Production Rate (if applicable)

PARAMETER		MASS OR CONCENTRATION			# OF	SAMPLE TYPE
		MON AVG	MAXIMUM	UNITS	SAMPLES	COMP/GRAB
BIOCHEMICAL OX	Sample Measurement		<2.0	Mg/l	1	Comp
	Permit Requirement	0		Mg/l		
CADMIUM	Sample Measurement		<0.003	Mg/l	1	Comp
	Permit Requirement	.019		Mg/l		
COPPER	Sample Measurement		<0.01	Mg/l	1	Comp
	Permit Requirement	3.02		Mg/l		
LEAD	Sample Measurement		<0.003	Mg/l	1	Comp
	Permit Requirement	0.54		Mg/l		
MERCURY	Sample Measurement		<0.0002	Mg/l	1	Comp
	Permit Requirement	0.080		Mg/l		
NICKEL	Sample Measurement		<0.01	Mg/l	1	Comp
	Permit Requirement	5.9		Mg/l		
ZINC	Sample Measurement		<0.02	Mg/l	1	Comp
	Permit Requirement	1.67		Mg/l		
NON-POLAR MATE	Sample Measurement		<5.2	Mg/l	1	Grab
	Permit Requirement		100	Mg/l		
TOTAL TOXIC OR	Sample Measurement		0.164	Mg/l	1	Grab
	Permit Requirement	2.13		Mg/l		
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					

PVSC FORM MR-I REV: 4 6/87 P I

PRETREATMENT MONITORING REPORT

FEB 17 2009

Certification of Non-Use if applicable (use additional sheets):

Compliance or non compliance statement with compliance schedule (use additional sheets if necessary) for every parameter used: SANDVIK IS IN COMPLIANCE

Explain Method for preserving samples: SAMPLES ARE PRESERVED IN NITRIC ACID AT pH NO LESS THAN 2.0

I certify under penalty of law that this document and attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

403.6(a)(2)(ii) revised by 53 FR 40610, October 17, 1988

Signature of Principal

Executive or Authorized Agent

ALBERT MIPS

FACILITIES MANAGER

Type Name and Title

02/11/09

Date

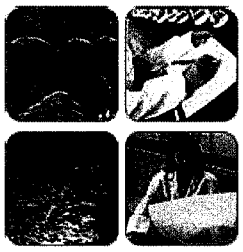
PVSC FORM MR-I REV: 5 3/91 P2

e-Hardcopy 2.0
Automated Report

New Jersey ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

01/26/09



Technical Report for

Sandvik Inc.

Monthly PVSC Permit, Fairlawn, NJ

Accutest Job Number: JA9200

Sampling Date: 01/06/09

Report to:

Sandvik Coromant Manufacturing

albert.mips@sandvik.com

ATTN: Albert Mips

Total number of pages in report: **13**

ACCUTEST LABORATORIES 50 YEARS 1956-2006

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

David N. Speis
VP Ops, Laboratory Director

Client Service contact: Nadine Yakes 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, PA, RI, SC, TN, VA, WV

Test results relate only to samples analyzed.

Note: This report is password protected to disallow document modification or assembly.
To obtain a version that can be unlocked, contact your client service representative.

Sections: 1 2 3 4

Table of Contents

-1-

Accutest LabLink@12:07 26-Jan-2009

Sample Summary

Sandvik Inc.

Job No: JA9200

Monthly PVSC Permit, Fairlawn, NJ

Sample Number	Collected Date	Time By	Received	Matrix Code	Matrix Type	Client Sample ID
JA9200-1	01/06/09	13:05 RS	01/06/09	AQ	Water	BASEMENT SUMP 24 HR COMPOSITE
JA9200-2	01/06/09	13:10 RS	01/06/09	AQ	Water	BASEMENT SUMP GRAB

ACCUTEST Laboratories

2

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: Sandvik Inc. **Job No** JA9200

Site: Monthly PVSC Permit, Fairlawn, NJ **Report Date** 1/26/2009 12:05:45 PM

On 01/06/2009, 2 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 3.2 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA9200 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method EPA 624

Matrix: AQ **Batch ID:** VT4971

- All samples were analyzed within the recommended method holding time.
- Sample(s) JA9052-56MS, JA9052-56MSD, JA9052-56MSMSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Matrix Spike Recovery(s) for 2-Chloroethyl vinyl ether are outside control limits. Outside control limits due to acid preservation.
- Matrix Spike Duplicate Recovery(s) for 2-Chloroethyl vinyl ether are outside control limits. Outside control limits due to acid preservation.

Metals By Method EPA 200.7

Matrix: AQ **Batch ID:** MP46838

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA9446-11MS, JA9446-11MSD, JA9446-11SDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Lead, Cadmium, Nickel, Zinc are outside control limits for sample MP46838-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Metals By Method EPA 245.1

Matrix: AQ **Batch ID:** MP46928

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA9844-1MS, JA9844-1MSD were used as the QC samples for metals.

Wet Chemistry By Method EPA 1664A

Matrix: AQ **Batch ID:** GP47644

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA9307-1MS, JA9308-1DUP were used as the QC samples for HEM Petroleum Hydrocarbons.

Wet Chemistry By Method SM20 2540D

Matrix: AQ	Batch ID: GN22588

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA9293-1DUP were used as the QC samples for Solids, Total Suspended.

Wet Chemistry By Method SM20 5210B

Matrix: AQ	Batch ID: GP47433

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA9200-1DUP were used as the QC samples for BOD, 5 Day.

Field Data By Method SM20 4500H B

Matrix: AQ	Batch ID: R78194

- The data for SM20 4500H B meets quality control requirements.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

Sample Results

Report of Analysis

Accutest LabLink@12:07 26-Jan-2009

Report of Analysis

Client Sample ID:	BASEMENT SUMP 24 HR COMPOSITE		
Lab Sample ID:	JA9200-1	**Date Sampled:**	01/06/09
Matrix:	AQ - Water	**Date Received:**	01/06/09
		Percent Solids:	n/a
Project:	Monthly PVSC Permit, Fairlawn, NJ		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Cadmium	<3.0	3.0	ug/l	1	01/12/09	01/13/09	GT	EPA 200.7 [1]	EPA 200.7 [4]
Copper	<10	10	ug/l	1	01/12/09	01/13/09	GT	EPA 200.7 [1]	EPA 200.7 [4]
Lead	<3.0	3.0	ug/l	1	01/12/09	01/13/09	GT	EPA 200.7 [2]	EPA 200.7 [4]
Mercury	<0.20	0.20	ug/l	1	01/21/09	01/21/09	JW	EPA 245.1 [3]	EPA 245.1 [5]
Nickel	<10	10	ug/l	1	01/12/09	01/13/09	GT	EPA 200.7 [1]	EPA 200.7 [4]
Zinc	<20	20	ug/l	1	01/12/09	01/13/09	GT	EPA 200.7 [1]	EPA 200.7 [4]

(1) Instrument QC Batch: MA22006
(2) Instrument QC Batch: MA22015
(3) Instrument QC Batch: MA22056
(4) Prep QC Batch: MP46838
(5) Prep QC Batch: MP46928

RL = Reporting Limit

Accutest LabLink@12:07 26-Jan-2009

Report of Analysis

Client Sample ID:	BASEMENT SUMP GRAB		
Lab Sample ID:	JA9200-2	**Date Sampled:**	01/06/09
Matrix:	AQ - Water	**Date Received:**	01/06/09
Method:	EPA 624	**Percent Solids:**	n/a
Project:	Monthly PVSC Permit, Fairlawn, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	T128566.D	1	01/07/09	YCB	n/a	n/a	VT4971
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TVO List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	2.0	ug/l	
107-13-1	Acrylonitrile	ND	10	0.85	ug/l	
542-88-1	Bis(chloromethyl)ether	IND			ug/l	
71-43-2	Benzene	ND	1.0	0.12	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.13	ug/l	
75-25-2	Bromoform	ND	1.0	0.19	ug/l	
74-83-9	Bromomethane	ND	1.0	0.18	ug/l	
56-23-5	Carbon tetrachloride	2.6	1.0	0.099	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	0.51	1.0	0.20	ug/l	J
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.96	ug/l	
67-66-3	Chloroform	5.9	1.0	0.094	ug/l	
74-87-3	Chloromethane	ND	1.0	0.17	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.11	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.17	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.14	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.18	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.91	ug/l	
75-34-3	1,1-Dichloroethane	4.5	1.0	0.10	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethene	3.1	1.0	0.17	ug/l	
156-59-2	cis-1,2-Dichloroethene	9.4	1.0	0.15	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.18	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
123-91-1	1,4-Dioxane	ND	130	55	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
151-56-4	Ethylenimine	IND			ug/l	
75-09-2	Methylene chloride	ND	1.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.10	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@12:07 26-Jan-2009

Report of Analysis

Client Sample ID:	BASEMENT SUMP GRAB		
Lab Sample ID:	JA9200-2	**Date Sampled:**	01/06/09
Matrix:	AQ - Water	**Date Received:**	01/06/09
Method:	EPA 624	**Percent Solids:**	n/a
Project:	Monthly PVSC Permit, Fairlawn, NJ		

VOA TVO List

CAS No.	Compound	Result	RL	MDL	Units	Q
127-18-4	Tetrachloroethene	125	1.0	0.58	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	2.7	1.0	0.11	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.15	ug/l	
79-01-6	Trichloroethene	10.2	1.0	0.45	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.44	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.16	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.15	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	99%		62-139%
2037-26-5	Toluene-D8 (SUR)	97%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	86%		74-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@12:07 26-Jan-2009

Report of Analysis

Client Sample ID:	BASEMENT SUMP GRAB		
Lab Sample ID:	JA9200-2	**Date Sampled:**	01/06/09
Matrix:	AQ - Water	**Date Received:**	01/06/09
		Percent Solids:	n/a
Project:	Monthly PVSC Permit, Fairlawn, NJ		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
HEM Petroleum Hydrocarbons	< 5.2	5.2	mg/l	1	01/24/09	RA	EPA 1664A

Field Parameters

pH (Field)	6.38		su	1	01/06/09 13:20	RMS	SM20 4500H B

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

SANDVIK

February 11 , 2009

Mr. Andy Caltagirone
Passaic Valley Sewage Commissioners
600 Wilson Ave.
Newark, NJ 07105

Re: Monitoring report for January 2009.
Permit Number: 08630002

Dear Mr. Andy Caltagirone,

Please find enclosed our sewage discharge monthly monitoring reports for the period of 1/1/09 to 1/31/09, During this period there was no discharge to PVSC.

For any additional information regarding this or any other matter, I can be reached at 201-794-5106 or by E-mail at *Albert.Mips@Sandvik.com*

Sincerely,
Albert W. Mips

Facilities Engineering Manager

Sandvik,Inc.
1702 Nevins Road
P.O. Box 428
Fair Lawn, New Jersey 07410-0428

Tel.: 201-794-5000
Fax: 201-794-5125

SANDVIK COMPANY
1702 Nevins Road
P.O. Box 428
Fair Lawn, NJ 07410-0428

GROUND WATER SEWAGE RECORDS 2009

PERIOD	DATE	METERED READINGS METER-A(05000626)	METERED READINGS METER- B(07017639)	METER A = PVSC SEWER (GALLONS) METER B= STORM DRAIN (GALLONS)			
JAN.	1/31	48,040,000	29,720,000	A	1,388,000	B	1,239,000
		46,652,000	28,481,000				
		A= 1,388,000	B= 1,239,000	A	1,388,000	B	1,239,000
FEB.	2/28			A	0	B	0
		A=	B=	A	0	B	0
MAR.	3/31			A	0	B	0
		A=	B=	A	0	B	0
APR.	4/30			A	0	B	0
		A=	B=	A	0	B	0
MAY	5/31			A	0	B	0
		A=	B=	A	0	B	0
JUNE	6/30			A	0	B	0
		A=	B=	A	0	B	0
JULY	7/31			A	0	B	0
		A=	B=	A	0	B	0
AUG.	8/31			A	0	B	0
		A=	B=	A	0	B	0
SEPT.	9/30			A	0	B	0
		A=	B=	A	0	B	0
OCT.	10/31			A	0	B	0
		A=	B=	A	0	B	0
NOV.	11/30			A	0	B	0
		A=	B=	A	0	B	0
DEC.	12/31			A	0	B	0
		A=	B=	A	0	B	0
YTD TOTAL				A	1,388,000	B	1,239,000

CHAIN OF CUSTODY

ACCUTEST
Fresh Ponds Corporate Village, Building B
2235 Route 130, Dayton, NJ 08810
908-329-0200 FAX: 908-329-3499/3480

Accutest Job #: JA9200
Accutest Quote #: NY4/2008-278

Client Information

Sandvick Mnf.
Name
1702 Nevins Road
Address
Fairlawn, N.J. 07410
City State Zip
Mr. Albert Mips
Send Report to:
Phone #: (201) 794-5106

Facility Information

Station: Sandvick
Locatin: Monthly PVSC Permit
Project #: Fairlawn, N.J.
FAX #:

Analytical Information

Field ID / Point of Collection	Collection Date	Collection Time	Sampled By	Matrix	# of bottles	Preservation HCL	NA2S3	Hno3	H2So4	None	BOD TSS	Cd, Cu, Pb, Hg, Ni, Zn,		V624 TVO	PHC 1664	pHf
Basement Sump -1	1-6-09	1305	RS	WW	3			x		x	X	X				
24 hr Composite																
time: 1300 to 1300																
date: 1-5-09- 1-6-09																
Basement Sump -2	1-6-09	1310	RS	WW	5	x								X	X	X
Grab																

Turnaround Information

- [X] 21 Day Standard — Approved By:
- [ ] 14 Days *RUSH*
- [ ] 7 Days *EMERGENCY*
- [ ] Other

21 Day Turnaround Hardcopy, Emergency or RUSH is FAX Data unless previously approved.

Data Deliverable Information

- [X] NJ Reduced
- [ ] NJ Full
- [ ] FULL CLP
- [ ] Disk Deliverable
- [ ] Other (Specify)
- [ ] Commercial "A"
- [ ] Commercial "B"
- [ ] State Forms

Comments / Remarks

838, HC14, WC3G, AMET20
Samples were collec... with established ... Sampling SOPs for ... solids samplin...

Sample Custody must be documented below each time samples change possesion, including courier delivery.

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	R Sadavaragani	1-6-09 1535				
2						
3						
4						
5						

Seal # 20 Intact — Preserve where applicable (N/A) — On Ice ☒ — Temperature 3.2°C

JA9200: Chain of Custody
Page 1 of 1

Arrive
02/11/2009 10:08 MANUFACTURING → 919733444876 NO.238 P04

PRETREATMENT MONITORING REPORT

FEB 11 2009

NAME: SANDVIK COROMANT MANUFACTURING

MAILING ADDRESS: 1702 NEVINS ROAD FAIR LAWN, NJ 07410

FACILITY LOCATION: 1702 NEVINS ROAD FAIR LAWN, NJ 07410

CATEGORY & SUBPART: UNKNOWN OUTLET #: 1

CONTACT OFFICIAL: ALBERT MIPS TELEPHONE: 201-794-5106

NEW CUSTOMER ID / OUTLET ID: 08630002-1 OLD OUTLET DESIGNATION:

MONITORING PERIOD

Start			End		
01	01	09	01	31	09
MO	DAY	YR	MO	DAY	YR

Average Maximum

Regulated Flow-gal/day 44,774 X 10% = 49,251

Total Flow-gal/day

Method Used:

Production Rate (if applicable)

PARAMETER		MASS OR CONCENTRATION			# OF SAMPLES	SAMPLE TYPE
		MON AVG	MAXIMUM	UNITS		COMP/GRAB
BIOCHEMICAL OX	Sample Measurement		<2.0	Mg/l	1	Comp
	Permit Requirement	0		Mg/l		
CADMIUM	Sample Measurement		<0.003	Mg/l	1	Comp
	Permit Requirement	.019		Mg/l		
COPPER	Sample Measurement		<0.01	Mg/l	1	Comp
	Permit Requirement	3.02		Mg/l		
LEAD	Sample Measurement		<0.003	Mg/l	1	Comp
	Permit Requirement	0.54		Mg/l		
MERCURY	Sample Measurement		<0.0002	Mg/l	1	Comp
	Permit Requirement	0.080		Mg/l		
NICKEL	Sample Measurement		<0.01	Mg/l	1	Comp
	Permit Requirement	5.9		Mg/l		
ZINC	Sample Measurement		<0.02	Mg/l	1	Comp
	Permit Requirement	1.67		Mg/l		
NON-POLAR MATE	Sample Measurement		<5.2	Mg/l	1	Grab
	Permit Requirement		100	Mg/l		
TOTAL TOXIC OR	Sample Measurement		0.164	Mg/l	1	Grab
	Permit Requirement	2.13		Mg/l		
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					

PVSC FORM MR-I REV: 4 6/87 P I

PRETREATMENT MONITORING REPORT

Certification of Non-Use if applicable (use additional sheets): FEB 11 2009

Compliance or non compliance statement with compliance schedule (use additional sheets if necessary) for every parameter used: SANDVIK IS IN COMPLIANCE

Explain Method for preserving samples: SAMPLES ARE PRESERVED IN NITRIC ACID AT pH NO LESS THAN 2.0

I certify under penalty of law that this document and attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

403.6(a)(2)(ii) revised by 53 FR 40610, October 17, 1988

Signature of Principal

Executive or Authorized Agent

ALBERT MIPS

FACILITIES MANAGER

Type Name and Title

02/11/09

Date

PVSC FORM MR-I REV: 5 3/91 P2

SANDVIK COMPANY
1702 Nevins Road
P.O. Box 428
Fair Lawn, NJ 07410-0428

GROUND WATER SEWAGE RECORDS 2009

PERIOD	DATE	METERED READINGS		METER A = PVSC SEWER (GALLONS) METER B= STORM DRAIN (GALLONS)			
		METER-A(05000626)	METER- B(07017639)				
JAN.	1/31	48,040,000	29,720,000	A	1,388,000	B	1,239,000
		46,652,000	28,481,000				
		A= 1,388,000	B= 1,239,000	A	1,388,000	B	1,239,000
FEB.	2/28			A	0	B	0
		A=	B=	A	0	B	0
MAR.	3/31			A	0	B	0
		A=	B=	A	0	B	0
APR.	4/30			A	0	B	0
		A=	B=	A	0	B	0
MAY	5/31			A	0	B	0
		A=	B=	A	0	B	0
JUNE	6/30			A	0	B	0
		A=	B=	A	0	B	0
JULY	7/31			A	0	B	0
		A=	B=	A	0	B	0
AUG.	8/31			A	0	B	0
		A=	B=	A	0	B	0
SEPT.	9/30			A	0	B	0
		A=	B=	A	0	B	0
OCT.	10/31			A	0	B	0
		A=	B=	A	0	B	0
NOV.	11/30			A	0	B	0
		A=	B=	A	0	B	0
DEC.	12/31			A	0	B	0
		A=	B=	A	0	B	0
YTD TOTAL				A	1,388,000	B	1,239,000

e-Hardcopy 2.0
Automated Report

New Jersey ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

01/26/09

Technical Report for

Sandvik Inc.

Monthly PVSC Permit, Fairlawn, NJ

Accutest Job Number: JA9200

Sampling Date: 01/06/09

Report to:

Sandvik Coromant Manufacturing

albert.mips@sandvik.com

ATTN: Albert Mips

Total number of pages in report: **13**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

David N. Speis
VP Ops, Laboratory Director

ACCUTEST LABORATORIES 50 YEARS 1956-2006

Client Service contact: Nadine Yakes 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, PA, RI, SC, TN, VA, WV

Test results relate only to samples analyzed.

Sections: 1 2 3 4

Table of Contents

-1-

Accutest LabLink@12:07 26-Jan-2009

Sample Summary

Sandvik Inc.

Job No: JA9200

Monthly PVSC Permit, Fairlawn, NJ

Sample Number	Collected Date	Time By	Received	Matrix Code	Matrix Type	Client Sample ID
JA9200-1	01/06/09	13:05 RS	01/06/09	AQ	Water	BASEMENT SUMP 24 HR COMPOSITE
JA9200-2	01/06/09	13:10 RS	01/06/09	AQ	Water	BASEMENT SUMP GRAB

ACCUTEST. Laboratories

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: Sandvik Inc. **Job No** JA9200

Site: Monthly PVSC Permit, Fairlawn, NJ **Report Date** 1/26/2009 12:05:45 PM

On 01/06/2009, 2 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 3.2 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA9200 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method EPA 624

Matrix: AQ **Batch ID:** VT4971

- All samples were analyzed within the recommended method holding time.
- Sample(s) JA9052-56MS, JA9052-56MSD, JA9052-56MSMSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Matrix Spike Recovery(s) for 2-Chloroethyl vinyl ether are outside control limits. Outside control limits due to acid preservation.
- Matrix Spike Duplicate Recovery(s) for 2-Chloroethyl vinyl ether are outside control limits. Outside control limits due to acid preservation.

Metals By Method EPA 200.7

Matrix: AQ **Batch ID:** MP46838

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA9446-11MS, JA9446-11MSD, JA9446-11SDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Lead, Cadmium, Nickel, Zinc are outside control limits for sample MP46838-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Metals By Method EPA 245.1

Matrix: AQ **Batch ID:** MP46928

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA9844-1MS, JA9844-1MSD were used as the QC samples for metals.

Wet Chemistry By Method EPA 1664A

Matrix: AQ **Batch ID:** GP47644

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA9307-1MS, JA9308-1DUP were used as the QC samples for HEM Petroleum Hydrocarbons.

Wet Chemistry By Method SM20 2540D

Matrix: AQ	Batch ID: GN22588

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA9293-1DUP were used as the QC samples for Solids, Total Suspended.

Wet Chemistry By Method SM20 5210B

Matrix: AQ	Batch ID: GP47433

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA9200-1DUP were used as the QC samples for BOD, 5 Day.

Field Data By Method SM20 4500H B

Matrix: AQ	Batch ID: R78194

- The data for SM20 4500H B meets quality control requirements.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

New Jersey ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

Sample Results

Report of Analysis

Accutest LabLink@12:07 26-Jan-2009

Report of Analysis

Client Sample ID:	BASEMENT SUMP 24 HR COMPOSITE		
Lab Sample ID:	JA9200-1	**Date Sampled:**	01/06/09
Matrix:	AQ - Water	**Date Received:**	01/06/09
		Percent Solids:	n/a
Project:	Monthly PVSC Permit, Fairlawn, NJ		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Cadmium	< 3.0	3.0	ug/l	1	01/12/09	01/13/09	GT	EPA 200.7 [1]	EPA 200.7 [4]
Copper	< 10	10	ug/l	1	01/12/09	01/13/09	GT	EPA 200.7 [1]	EPA 200.7 [4]
Lead	< 3.0	3.0	ug/l	1	01/12/09	01/13/09	GT	EPA 200.7 [2]	EPA 200.7 [4]
Mercury	< 0.20	0.20	ug/l	1	01/21/09	01/21/09	JW	EPA 245.1 [3]	EPA 245.1 [5]
Nickel	< 10	10	ug/l	1	01/12/09	01/13/09	GT	EPA 200.7 [1]	EPA 200.7 [4]
Zinc	< 20	20	ug/l	1	01/12/09	01/13/09	GT	EPA 200.7 [1]	EPA 200.7 [4]

(1) Instrument QC Batch: MA22006
(2) Instrument QC Batch: MA22015
(3) Instrument QC Batch: MA22056
(4) Prep QC Batch: MP46838
(5) Prep QC Batch: MP46928

RL = Reporting Limit

Accutest LabLink@12:07 26-Jan-2009

Report of Analysis

3.12

3

Client Sample ID:	BASEMENT SUMP GRAB		
Lab Sample ID:	JA9200-2	**Date Sampled:**	01/06/09
Matrix:	AQ - Water	**Date Received:**	01/06/09
Method:	EPA 624	**Percent Solids:**	n/a
Project:	Monthly PVSC Permit, Fairlawn, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	T128566.D	1	01/07/09	YCB	n/a	n/a	VT4971
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TVO List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	2.0	ug/l	
107-13-1	Acrylonitrile	ND	10	0.85	ug/l	
542-88-1	Bis(chloromethyl)ether	IND			ug/l	
71-43-2	Benzene	ND	1.0	0.12	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.13	ug/l	
75-25-2	Bromoform	ND	1.0	0.19	ug/l	
74-83-9	Bromomethane	ND	1.0	0.18	ug/l	
56-23-5	Carbon tetrachloride	2.6	1.0	0.099	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	0.51	1.0	0.20	ug/l	J
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.96	ug/l	
67-66-3	Chloroform	5.9	1.0	0.094	ug/l	
74-87-3	Chloromethane	ND	1.0	0.17	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.11	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.17	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.14	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.18	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.91	ug/l	
75-34-3	1,1-Dichloroethane	4.5	1.0	0.10	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethene	3.1	1.0	0.17	ug/l	
156-59-2	cis-1,2-Dichloroethene	9.4	1.0	0.15	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.18	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
123-91-1	1,4-Dioxane	ND	130	55	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
151-56-4	Ethylenimine	IND			ug/l	
75-09-2	Methylene chloride	ND	1.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.10	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@12:07 26-Jan-2009

Report of Analysis

3.2

3

Client Sample ID:	BASEMENT SUMP GRAB		
Lab Sample ID:	JA9200-2	**Date Sampled:**	01/06/09
Matrix:	AQ - Water	**Date Received:**	01/06/09
Method:	EPA 624	**Percent Solids:**	n/a
Project:	Monthly PVSC Permit, Fairlawn, NJ		

VOA TVO List

CAS No.	Compound	Result	RL	MDL	Units	Q
127-18-4	Tetrachloroethene	125	1.0	0.58	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	2.7	1.0	0.11	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.15	ug/l	
79-01-6	Trichloroethene	10.2	1.0	0.45	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.44	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.16	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.15	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	99%		62-139%
2037-26-5	Toluene-D8 (SUR)	97%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	86%		74-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@12:07 26-Jan-2009

Report of Analysis

3.2 3

Client Sample ID:	BASEMENT SUMP GRAB		
Lab Sample ID:	JA9200-2	**Date Sampled:**	01/06/09
Matrix:	AQ - Water	**Date Received:**	01/06/09
		Percent Solids:	n/a
Project:	Monthly PVSC Permit, Fairlawn, NJ		

General Chemistry

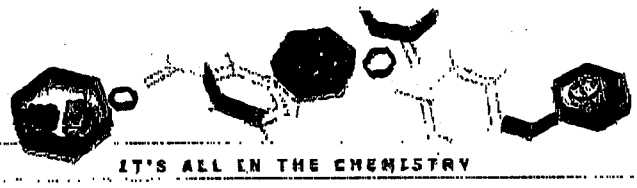
Analyte	Result	RL	Units	DF	Analyzed	By	Method
HEM Petroleum Hydrocarbons	< 5.2	5.2	mg/l	1	01/24/09	RA	EPA 1664A

Field Parameters

pH (Field)	6.38		su	1	01/06/09 13:20	RMS	SM20 4500H B

RL = Reporting Limit

New Jersey ACCUTEST Laboratories



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

02/11/2009 10:08 MANUFACTURING → 919733444876 NO.238 P19

CHAIN OF CUSTODY

ACCUTEST.

Fresh Ponds Corporate Village, Building B
2235 Route 130, Dayton, NJ 08810
908-329-0200 FAX: 908-329-3499/3480

Accutest Job #: JA4200
Accutest Quote #: NY4/2008-278

WW

Client Information		Facility Information	
Name	Sandvick Mnf.	Station	Sandvick
Address	1702 Nevins Road	Location	Monthly PVSC Permit
City / State / Zip	Fairlawn, N.J. 07410	Project #	Fairlawn, N.J.
Send Report to:	Mr. Albert Mips		
Phone #:	(201) 794-5106	FAX #:	

Field ID / Point of Collection	Collection Date	Collection Time	Sampled By	Matrix	# of bottles	HCL	NA2S2O3	HNO3	H2SO4	None		BOD TSS	Cd, Cu, Pb, Hg, Ni, Zn,			V624 TVO	PHC 1664	pH
Basement Sump -1	1-6-09	1305	RS	WW	3			x		x		X	X					
24 hr Composite																		
time: 1300 to 1300																		
date: 1-5-09 - 1-6-09																		
Basement Sump -2	1-6-09	1310	RS	WW	5	x										X	X	X
Grab																		

Turnaround Information

- [X] 21 Day Standard — Approved By:
- [ ] 14 Days RUSH
- [ ] 7 Days EMERGENCY
- [ ] Other

21 Day Turnaround Hardcopy, Emergency or RUSH is FAX Data unless previously approved.

Data Deliverable Information

- [X] NJ Reduced
- [ ] NJ Full
- [ ] FULL CLP
- [ ] Disk Deliverable
- [ ] Other (Specify)
- [ ] Commercial "A"
- [ ] Commercial "B"
- [ ] State Forms

Comments / Remarks

838, HC14, WC3G, AMETZ0

Samples were collected with autosampler & sampling start for ... composite

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 R. Sadowsky	1-6-09 1535	1 [signature]	2		2
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by Sampler: 5	Date Time:	Received By: 5	Seal # 20 Intact	Preserve where applicable: (N)	On Ice: ☑ Temperature: 3.2 °C

JA9200: Chain of Custody
Page 1 of 1